



July 2009

DEPARTMENT OF EDUCATION
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 5

Test Date: March 2009
Code: 12541748
SAU: MSAD 60
School: Lebanon School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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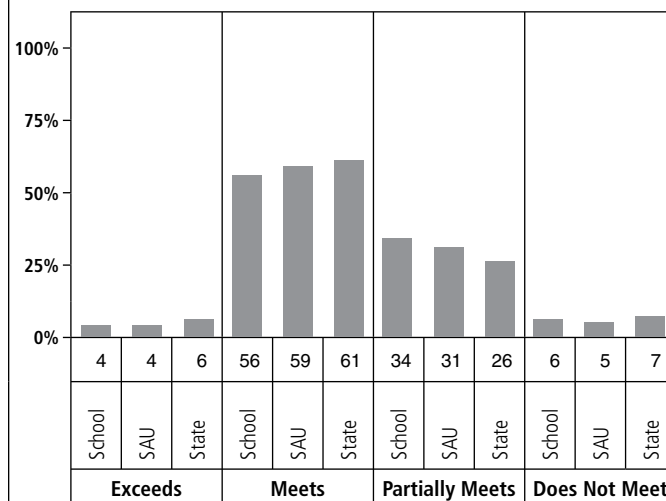
SUMMARY OF SCORES

Test Date: March 2009
Grade: 5
SAU: MSAD 60
School: Lebanon School

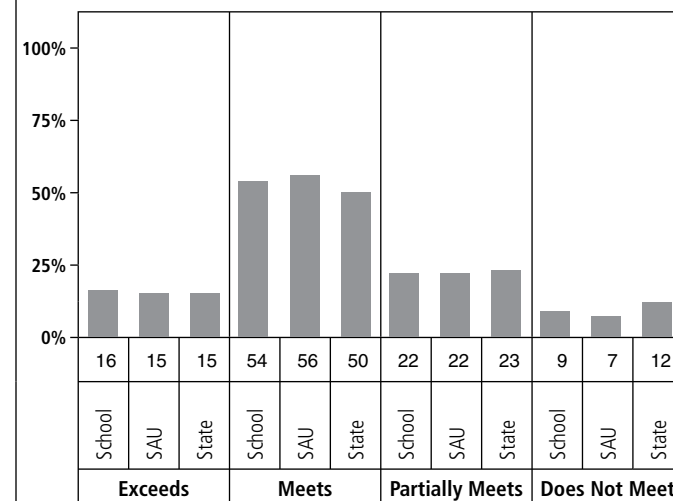
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2006–2007	542	543	544
2007–2008	543	544	545
2008–2009	545	546	546
Cum. Avg.*	543	544	545
Mathematics			
2006–2007	548	547	546
2007–2008	548	547	546
2008–2009	549	548	547
Cum. Avg.*	548	547	546
Science			
2008–2009 **	540	541	543

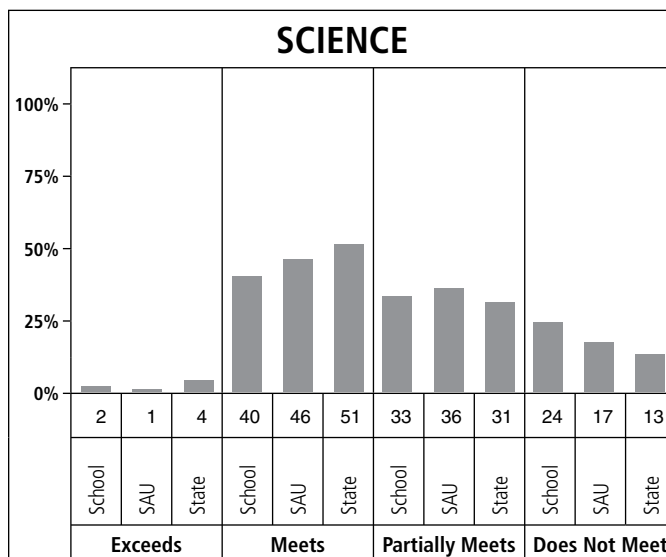
ELA – READING



MATHEMATICS



SCIENCE



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

**Because science testing moved from grade 4 to grade 5 in March 2009, science standards were reset and therefore no historical data are available.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009
Grade: 5
SAU: MSAD 60
School: Lebanon School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																	
	School		SAU		State		ELA-Reading						Mathematics						Science					
	n		n		n		n		n		n		n		n		n		n		n		n	
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Total number of students	83	100	230	100	14212	100	83	100	226	99	14135	100	83	100	226	99	14144	100	83	100	226	99	14137	100
Ethnicity African American/Black	1	1	3	1	397	3	1	100	3	100	388	98	1	100	3	100	393	99	1	100	3	100	389	98
American Indian or Native Alaskan	0	0	0	0	110	1	0	0	0	0	110	100	0	0	0	0	110	100	0	0	0	0	110	100
Asian or Pacific Islander	2	2	3	1	259	2	2	100	3	100	253	98	2	100	3	100	258	100	2	100	3	100	257	99
Hispanic	1	1	5	2	175	1	1	100	5	100	172	99	1	100	5	100	172	99	1	100	5	100	173	99
Caucasian/White	79	95	219	95	13271	93	79	100	215	99	13212	100	79	100	215	99	13211	100	79	100	215	99	13208	100
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Identified disability	18	22	43	19	2479	17	18	100	41	98	2454	100	18	100	41	98	2455	100	18	100	41	98	2451	99
Current LEP	2	2	2	1	374	3	2	100	2	100	359	96	2	100	2	100	370	99	2	100	2	100	366	98
Economically disadvantaged	43	52	89	39	5848	41	43	100	88	99	5815	100	43	100	88	99	5819	100	43	100	88	99	5812	100
Migrant	0	0	0	0	8	0	0	0	0	0	8	100	0	0	0	0	8	100	0	0	0	0	8	100

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics						Science					
	School		SAU		State		School		SAU		State		School		SAU		State	
	n		n		n		n		n		n		n		n		n	
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Participation without accommodations	58	70	161	70	10849	76	58	70	161	70	10872	76	58	70	161	70	10976	77
Identified disability (PET/IEP)	2	3	3	2	298	3	2	3	3	2	307	3	2	3	3	2	338	3
LEP	1	2	1	1	170	2	1	2	1	1	169	2	1	2	1	1	177	2
504 plan	0	0	0	0	123	1	0	0	0	0	121	1	0	0	0	0	126	1
Participation with accommodations	24	29	63	27	3122	22	24	29	63	27	3124	22	24	29	63	27	3019	21
Identified disability (PET/IEP)	15	63	36	57	1992	64	15	63	36	57	2000	64	15	63	36	57	1971	65
LEP	1	4	1	2	184	6	1	4	1	2	196	6	1	4	1	2	184	6
504 plan	0	0	3	5	84	3	0	0	3	5	86	3	0	0	3	5	81	3
Other	9	38	24	38	907	29	9	38	24	38	886	28	9	38	24	38	826	27
Participation through alternate assessment (PAAP)	1	1	2	1	164	1	1	1	2	1	148	1	1	1	2	1	142	1
Identified disability (PET/IEP)	1	100	2	100	164	100	1	100	2	100	148	100	1	100	2	100	142	100
LEP	0	0	0	0	5	3	0	0	0	0	5	3	0	0	0	0	5	4
504 plan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Approved non-participation in reading – 1st year LEP	0	0	0	0	0	0												
Approved non-participation – special consideration	0	0	1	0	19	0	0	0	1	0	19	0	0	0	1	0	20	0
Non-participation – other	0	0	3	1	58	0	0	0	3	1	49	0	0	0	3	1	55	0

¹Percents are the percentage of students enrolled in each participation category.

²Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

³Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2009
Grade: 5
SAU: MSAD 60
School: Lebanon School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 562–580)	2006-2007	2	2	9	4	702	5
	2007-2008	1	1	6	3	659	5
	2008-2009	3	4	10	4	836	6
	Cum. Total*	6	2	25	4	2197	5
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 542–560)	2006-2007	46	55	125	54	7730	55
	2007-2008	54	63	132	59	8195	58
	2008-2009	46	56	133	59	8495	61
	Cum. Total*	146	58	390	58	24420	58
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 532–540)	2006-2007	23	27	65	28	4182	30
	2007-2008	20	23	61	27	3800	27
	2008-2009	28	34	69	31	3667	26
	Cum. Total*	71	28	195	29	11649	28
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 500–530)	2006-2007	13	15	31	13	1419	10
	2007-2008	11	13	23	10	1362	10
	2008-2009	5	6	12	5	973	7
	Cum. Total*	29	12	66	10	3754	9

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	48	100	30.0	62.5	30.7	64.0	30.8	64.2
A1/A2 Interconnected Elements/Literary Text	24	50	14.4	60.0	15.0	62.5	15.0	62.5
A1/A3 Interconnected Elements/Informational Text	24	50	15.6	65.0	15.7	65.4	15.8	65.8

The MEA assesses students’ reading skills based on questions related to two types of reading passages: literary and informational. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at:
<http://www.maine.gov/education/lres/pei/index.html>.

ELA-READING RESULTS

(CONTINUED)

Test Date: March 2009
Grade: 5
SAU: MSAD 60
School: Lebanon School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	82	3	4	46	56	28	34	5	6	545	224	4	59	31	5	546	13971	6	61	26	7	546
Ethnicity																						
African American/Black	1										3						381	2	44	31	23	540
American Indian or Native Alaskan	0										0						110	0	48	38	14	541
Asian or Pacific Islander	2										3						252	11	58	21	11	547
Hispanic	1										5	0	40	60	0	542	166	4	54	32	10	543
Caucasian/White	78	3	4	43	55	27	35	5	6	545	213	5	60	30	5	546	13062	6	62	26	6	546
Not Reported	0										0						0					
Identified disability																						
Yes	17	0	0	4	24	10	59	3	18	537	39	0	26	56	18	538	2290	0	29	47	23	537
No	65	3	5	42	65	18	28	2	3	547	185	5	66	25	3	547	11681	7	67	22	4	548
Current LEP																						
Yes	2										2						354	1	35	34	30	538
No	80	3	4	44	55	28	35	5	6	545	222	5	59	31	5	545	13617	6	61	26	6	546
Economically disadvantaged																						
Yes	42	2	5	18	43	18	43	4	10	542	87	5	46	41	8	542	5716	2	51	35	12	542
No	40	1	3	28	70	10	25	1	3	548	137	4	68	24	4	548	8255	9	67	20	4	548
Migrant																						
Yes	0										0						8	0	38	25	38	538
No	82	3	4	46	56	28	34	5	6	545	224	4	59	31	5	546	13963	6	61	26	7	546
Gender																						
Female	43	3	7	24	56	14	33	2	5	546	116	6	61	29	3	547	6882	8	62	24	6	547
Male	39	0	0	22	56	14	36	3	8	543	108	3	57	32	7	544	7089	4	60	28	8	545
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	33	0	0	13	39	15	45	5	15	539	70	0	41	47	11	540	1914	1	41	44	14	540
No	49	3	6	33	67	13	27	0	0	548	154	6	68	23	3	548	12057	7	64	23	6	547
Gifted/talented program																						
Yes	0										0						450	26	72	2	0	557
No	82	3	4	46	56	28	34	5	6	545	224	4	59	31	5	546	13521	5	60	27	7	545

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA-READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 5
SAU: MSAD 60
School: Lebanon School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	0										1	0	0	100	0	537	4	2	40	34	24	540
B. less than one hour	80	3	5	38	58	22	33	3	5	546	75	5	64	26	5	546	70	6	63	26	6	546
C. one to two hours	17	0	0	7	50	6	43	1	7	542	22	4	50	42	4	544	24	7	61	26	6	546
D. more than two hours	2	0	0	1	50	0	0	1	50	538	2	0	20	60	20	538	2	4	42	33	21	541
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	40	2	6	25	76	4	12	2	6	549	39	7	72	18	3	548	36	10	67	18	5	549
B. good	38	1	3	19	61	10	32	1	3	545	41	3	57	34	5	545	47	5	62	27	6	546
C. fair	20	0	0	2	13	13	81	1	6	537	18	3	40	50	8	541	15	2	47	40	12	541
D. poor	2	0	0	0	0	1	50	1	50	534	2	0	25	50	25	539	2	0	30	46	24	537
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	27	0	0	14	64	7	32	1	5	545	24	4	70	21	6	546	31	9	65	20	5	548
B. They match some of what I have learned.	60	3	6	27	55	17	35	2	4	546	58	5	60	32	3	546	55	5	63	27	5	546
C. They match just a little of what I have learned.	12	0	0	5	50	3	30	2	20	539	15	6	44	35	15	543	10	3	45	38	14	542
D. There is no match.	1	0	0	0	0	1	100	0	0	534	3	0	43	57	0	542	3	1	31	41	27	537
How difficult was the reading part of this test?																						
A. more difficult than my regular schoolwork	15	0	0	6	50	6	50	0	0	542	13	3	45	48	3	542	16	3	49	32	15	542
B. about the same as my regular schoolwork	69	2	4	35	63	17	30	2	4	546	67	4	67	26	3	547	64	7	63	25	5	547
C. easier than my regular schoolwork	16	1	8	5	38	5	38	2	15	544	20	7	45	36	11	545	20	5	62	26	7	546
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	9	0	0	3	43	3	43	1	14	540	9	5	50	40	5	543	10	1	33	42	24	538
B. Most of the passages were about the same as what I normally read.	56	1	2	29	63	14	30	2	4	545	51	3	65	28	4	546	52	4	61	29	6	545
C. Most of the passages were easier than what I normally read.	35	2	7	14	48	11	38	2	7	546	40	7	54	31	8	546	38	10	68	18	4	549
How much time do you spend reading at home each day?																						
A. more than one hour	22	2	11	13	72	1	6	2	11	549	22	10	69	14	6	549	20	10	64	21	5	548
B. 20 minutes to an hour	66	1	2	28	52	22	41	3	6	544	62	2	59	34	5	545	56	7	65	24	5	547
C. less than 20 minutes	5	0	0	2	50	2	50	0	0	544	8	6	56	39	0	545	10	3	52	33	12	543
D. I rarely read at home.	7	0	0	3	50	3	50	0	0	543	8	6	39	44	11	542	14	1	46	38	14	541
How many pages do you read in school and to complete homework assignments?																						
A. five or fewer pages	13	0	0	6	60	4	40	0	0	544	20	2	56	36	7	544	25	3	53	33	11	543
B. six to ten pages	15	0	0	1	8	10	83	1	8	537	23	4	54	40	2	545	26	6	61	26	7	546
C. eleven or more pages	73	3	5	38	66	14	24	3	5	547	57	6	64	26	4	547	49	8	65	23	5	547
Optional school/SAU question																						
A.	0										0											
B.	0										0											
C.	0										100	0	100	0	0	546						
D.	0										0											

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards
N = Number

MATHEMATICS RESULTS

Test Date: March 2009
Grade: 5
SAU: MSAD 60
School: Lebanon School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 562–580)	2006-2007	13	15	32	14	1711	12
	2007-2008	9	10	24	11	1617	12
	2008-2009	13	16	34	15	2119	15
	Cum. Total*	35	14	90	13	5447	13
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 542–560)	2006-2007	42	50	121	53	6778	48
	2007-2008	57	66	128	57	7284	52
	2008-2009	44	54	125	56	7046	50
	Cum. Total*	143	57	374	55	21108	50
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 530–540)	2006-2007	23	27	57	25	3884	28
	2007-2008	12	14	46	21	3341	24
	2008-2009	18	22	49	22	3193	23
	Cum. Total*	53	21	152	22	10418	25
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 500–528)	2006-2007	6	7	20	9	1683	12
	2007-2008	8	9	25	11	1778	13
	2008-2009	7	9	16	7	1638	12
	Cum. Total*	21	8	61	9	5099	12

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Mathematics Total Points	48	100	26.8	55.8	26.5	55.2	25.5	53.1
A. Number	18	38	10.6	58.9	10.6	58.9	9.8	54.4
B. Data	10	21	4.9	49.0	5.2	52.0	5.2	52.0
C. Geometry	10	21	5.1	51.0	4.8	48.0	4.7	47.0
D. Algebra	10	21	6.1	61.0	6.0	60.0	5.7	57.0

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.

MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2009
Grade: 5
SAU: MSAD 60
School: Lebanon School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	82	13	16	44	54	18	22	7	9	549	224	15	56	22	7	548	13996	15	50	23	12	547
Ethnicity																						
African American/Black	1										3						385	6	35	28	30	537
American Indian or Native Alaskan	0										0						110	5	42	34	20	540
Asian or Pacific Islander	2										3						257	19	50	20	12	548
Hispanic	1										5	40	20	20	20	546	166	9	43	31	17	543
Caucasian/White	78	12	15	42	54	17	22	7	9	549	213	15	57	21	7	548	13078	15	51	23	11	547
Not Reported	0										0						0					
Identified disability																						
Yes	17	0	0	7	41	4	24	6	35	536	39	3	44	28	26	538	2307	3	32	32	33	536
No	65	13	20	37	57	14	22	1	2	552	185	18	58	21	3	551	11689	17	54	21	8	549
Current LEP																						
Yes	2										2						365	5	33	30	32	536
No	80	12	15	44	55	17	21	7	9	549	222	15	56	22	7	548	13631	15	51	23	11	547
Economically disadvantaged																						
Yes	42	4	10	19	45	14	33	5	12	544	87	8	51	30	11	544	5731	7	46	29	18	542
No	40	9	23	25	63	4	10	2	5	554	137	20	59	17	4	551	8265	21	53	19	7	550
Migrant																						
Yes	0										0						8	0	38	50	13	540
No	82	13	16	44	54	18	22	7	9	549	224	15	56	22	7	548	13988	15	50	23	12	547
Gender																						
Female	43	6	14	20	47	13	30	4	9	546	116	10	56	26	8	546	6889	14	51	23	12	546
Male	39	7	18	24	62	5	13	3	8	552	108	20	56	18	6	551	7107	16	50	23	11	547
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	33	3	9	14	42	10	30	6	18	542	70	4	41	39	16	541	1918	3	39	36	22	539
No	49	10	20	30	61	8	16	1	2	553	154	20	62	14	3	552	12078	17	52	21	10	548
Gifted/talented program																						
Yes	0										0						450	64	34	2	0	564
No	82	13	16	44	54	18	22	7	9	549	224	15	56	22	7	548	13546	14	51	23	12	546

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 5
SAU: MSAD 60
School: Lebanon School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
		%	N	%	N	%	N	%	N			%	%	%	%			%	%	%	%	
How much homework do you do on school nights? A. none B. less than one hour C. one to two hours D. more than two hours	0 80 17 2	 13 0 0	 20 0 0	 37 6 1	 56 43 50	 12 5 1	 18 36 50	 4 3 0	 6 21 0	 551 539 541	 1 75 22 2	 0 18 8 0	 0 57 54 60	 50 19 28 40	 50 6 10 0	 531 550 545 542	 4 70 24 2	 8 15 15 9	 38 52 51 37	 26 23 23 24	 28 10 11 30	 539 547 547 539
Which of the following best describes how you rate yourself as a student in mathematics? A. very good B. good C. fair D. poor	37 34 22 7	12 0 1 0	40 0 6 0	14 24 3 3	47 86 17 50	2 4 9 3	7 14 50 50	2 0 5 0	7 0 28 0	558 549 537 544	28 41 25 6	33 11 5 0	52 68 44 36	8 19 35 57	6 2 16 7	555 549 542 540	34 45 18 3	28 11 3 1	50 54 45 29	14 24 33 41	8 10 19 29	552 546 540 535
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics? A. The questions on the test match what I have learned in mathematics class. B. They match some of what I have learned. C. They match just a little of what I have learned. D. There is no match.	41 45 11 2	9 3 0 1	26 8 0 50	15 24 5 0	44 65 56 0	8 7 2 1	24 19 22 50	2 3 2 0	6 8 22 0	553 547 541 558	36 50 12 3	23 12 8 17	50 63 46 50	23 21 23 33	5 5 23 0	551 549 540 547	38 48 11 3	22 12 6 6	52 53 40 26	19 24 30 29	7 11 24 38	550 546 540 534
How difficult was the mathematics part of this test? A. more difficult than my regular schoolwork B. about the same as my regular schoolwork C. easier than my regular schoolwork	15 67 18	0 9 4	0 16 27	6 29 9	50 53 60	3 14 1	25 25 7	3 3 1	25 5 7	540 549 556	15 69 16	0 16 22	52 55 64	30 23 8	18 5 6	540 549 553	17 64 19	7 15 24	42 53 49	30 23 17	21 10 10	540 547 550
On average, how many minutes a day do you spend working on mathematics in class? A. less than 30 minutes B. 30–45 minutes C. 45–60 minutes D. more than 60 minutes	5 17 70 9	0 0 13 0	0 0 23 0	1 7 31 5	25 50 54 71	2 5 10 1	50 36 18 14	1 2 3 1	25 14 5 14	539 540 552 546	6 26 58 11	8 9 20 8	38 60 57 50	23 22 19 33	31 9 4 8	543 545 551 545	7 28 41 24	6 9 17 21	39 49 53 51	27 28 21 20	27 15 9 8	539 544 548 549
How often do you use calculators in mathematics class? A. almost every day B. two or three days a week C. two or three times each month D. never or almost never	5 9 48 39	0 0 4 9	0 0 10 28	1 4 27 12	25 57 69 38	2 2 6 8	50 29 15 25	1 1 2 3	25 14 5 9	539 543 550 550	7 22 43 29	13 15 12 20	53 54 63 48	20 21 22 23	13 10 3 9	548 548 549 548	6 24 33 38	14 17 17 12	43 52 52 49	24 21 21 25	20 10 9 14	543 548 548 545
How often do you use hands-on materials in mathematics class? A. almost every day B. two or three days a week C. two or three times each month D. never or almost never	15 44 22 20	0 7 5 1	0 19 28 6	5 22 8 9	42 61 44 56	3 7 3 5	25 19 17 31	4 0 2 1	33 0 11 6	536 552 553 548	22 38 22 17	10 14 24 13	47 62 54 56	35 19 12 26	8 6 10 5	545 548 552 550	23 31 27 20	13 17 17 12	47 52 52 50	26 21 21 24	15 10 10 14	545 548 548 545
Optional school/SAU question A. B. C. D.	0 0 0 0										0 0 100 0	0	100	0	0	550						

SCIENCE RESULTS

Test Date: March 2009
Grade: 5
SAU: MSAD 60
School: Lebanon School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in science, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information, analyze and solve difficult problems, and explain complex concepts using evidence and proper terminology to support and communicate logical conclusions. (Scaled Score 562–580)	2008-2009*	2	2	3	1	626	4
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in science, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve routine problems and explain central concepts with sufficient clarity and accuracy to demonstrate general understanding. (Scaled Score 542–560)	2008-2009*	33	40	102	46	7187	51
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in science and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems but the quality of responses is inconsistent. Explanation of concepts may be incomplete or unclear. (Scaled Score 532–540)	2008-2009*	27	33	80	36	4364	31
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in science and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems. Explanations are illogical, incomplete, or missing. There are many inaccuracies. (Scaled Score 500–530)	2008-2009*	20	24	39	17	1818	13

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Science Total Points	48	100	27.0	56.3	27.6	57.5	29.2	60.8
D. The Physical Setting	24	50	11.7	48.8	12.0	50.0	12.9	53.8
E. The Living Environment	24	50	15.3	63.8	15.5	64.6	16.3	67.9

The MEA assesses students’ science knowledge based on questions that measure the science accountability content standards highlighted in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard D. The Physical Setting
D1 - Universe and Solar System
D2 - Earth
D3 - Matter and Energy
D4 - Force and Motion

Content Standard E. The Living Environment
E1 - Biodiversity
E2 - Ecosystems
E3 - Cells
E4 - Heredity and Reproduction
E5 - Evolution

SCIENCE RESULTS

(CONTINUED)

Test Date: March 2009
Grade: 5
SAU: MSAD 60
School: Lebanon School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	82	2	2	33	40	27	33	20	24	540	224	1	46	36	17	541	13995	4	51	31	13	543
Ethnicity																						
African American/Black	1										3						382	2	31	32	35	535
American Indian or Native Alaskan	0										0						110	3	36	35	26	538
Asian or Pacific Islander	2										3						256	5	51	27	17	542
Hispanic	1										5	0	40	60	0	541	167	1	40	37	22	539
Caucasian/White	78	1	1	31	40	26	33	20	26	539	213	1	46	35	18	540	13080	5	52	31	12	544
Not Reported	0										0						0					
Identified disability																						
Yes	17	0	0	4	24	5	29	8	47	532	39	0	33	38	28	536	2309	2	29	39	29	536
No	65	2	3	29	45	22	34	12	18	542	185	2	48	35	15	541	11686	5	56	30	10	545
Current LEP																						
Yes	2										2						361	1	23	32	44	533
No	80	2	3	32	40	26	33	20	25	540	222	1	45	36	18	541	13634	5	52	31	12	544
Economically disadvantaged																						
Yes	42	1	2	13	31	14	33	14	33	537	87	1	33	34	31	537	5729	2	42	37	20	539
No	40	1	3	20	50	13	33	6	15	542	137	1	53	36	9	543	8266	6	58	27	8	546
Migrant																						
Yes	0										0						8	0	25	13	63	530
No	82	2	2	33	40	27	33	20	24	540	224	1	46	36	17	541	13987	4	51	31	13	543
Gender																						
Female	43	1	2	15	35	19	44	8	19	540	116	1	40	41	18	539	6886	4	49	33	14	542
Male	39	1	3	18	46	8	21	12	31	540	108	2	52	30	17	542	7109	5	54	29	12	544
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	33	1	3	5	15	12	36	15	45	534	70	1	20	40	39	535	1917	1	31	41	28	536
No	49	1	2	28	57	15	31	5	10	544	154	1	57	34	8	543	12078	5	55	30	11	544
Gifted/talented program																						
Yes	0										0						450	25	72	2	1	557
No	82	2	2	33	40	27	33	20	24	540	224	1	46	36	17	541	13545	4	51	32	13	543

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

SCIENCE RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 5
SAU: MSAD 60
School: Lebanon School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	0										1	0	100	0	0	546	4	2	37	35	25	538
B. less than one hour	80	2	3	29	44	19	29	16	24	541	75	2	47	34	18	541	70	4	53	31	12	544
C. one to two hours	17	0	0	4	29	7	50	3	21	536	22	0	42	42	16	539	24	5	51	31	12	544
D. more than two hours	2	0	0	0	0	1	50	1	50	528	2	0	20	60	20	535	2	4	39	31	26	539
Which of the following best describes how you rate yourself as a student in science?																						
A. very good	25	1	5	9	45	3	15	7	35	541	19	5	48	29	19	543	26	7	56	26	11	545
B. good	51	0	0	17	41	17	41	7	17	540	50	0	46	40	14	540	53	4	53	31	11	544
C. fair	21	1	6	5	29	7	41	4	24	538	26	2	42	35	21	540	18	2	41	39	17	540
D. poor	4	0	0	1	33	0	0	2	67	536	5	0	50	25	25	538	3	1	33	36	30	536
How well do the questions that you have just been given on this MEA test match what you have learned in school about science?																						
A. The questions on the test match what I have learned in science class.	13	0	0	4	36	2	18	5	45	535	12	4	46	27	23	540	23	5	56	28	11	544
B. They match some of what I have learned.	52	2	5	18	42	16	37	7	16	542	46	2	38	43	17	540	48	5	52	31	12	544
C. They match just a little of what I have learned.	26	0	0	8	38	8	38	5	24	538	32	0	46	37	17	541	23	4	49	33	14	543
D. There is no match.	9	0	0	3	43	1	14	3	43	536	11	0	72	12	16	541	6	3	40	34	23	539
How difficult was the science part of this test?																						
A. more difficult than my regular schoolwork	35	1	4	12	43	8	29	7	25	541	36	1	52	31	16	542	23	5	48	31	16	543
B. about the same as my regular schoolwork	44	0	0	14	39	13	36	9	25	539	48	1	43	36	20	540	58	4	52	32	12	543
C. easier than my regular schoolwork	21	1	6	7	41	5	29	4	24	540	16	3	39	44	14	541	19	6	53	29	11	544
How often do you have science classes?																						
A. every day	2	0	0	2	100	0	0	0	0	552	3	0	57	29	14	542	33	5	51	31	14	543
B. a few times a week	74	2	3	24	39	20	33	15	25	540	64	2	39	40	18	540	45	4	52	32	11	544
C. once a week	18	0	0	7	47	5	33	3	20	541	18	0	54	26	21	541	8	4	50	30	16	542
D. a few times a month	5	0	0	0	0	2	50	2	50	530	15	0	59	29	12	542	15	4	52	30	14	543
Which statement best describes how you learn science?																						
A. I mostly read a textbook and answer questions, and/or take notes and do assignments. I use science kits for demonstrations and experiments.	6	0	0	1	20	1	20	3	60	532	9	0	43	38	19	540	30	3	48	35	14	542
B. I work in groups to design and conduct experiments.	30	0	0	5	20	9	36	11	44	533	37	0	36	36	28	537	23	2	43	37	18	540
C. I do a combination of A and B, mostly A.	4	0	0	2	67	1	33	0	0	546	13	0	50	40	10	540	27	6	58	26	9	546
D. I do a combination of A and B, mostly B.	60	2	4	25	51	16	33	6	12	543	40	3	53	33	10	544	21	6	58	27	10	545
How often do you make observations and collect data in science class?																						
A. a few times a week	84	2	3	29	42	23	33	15	22	540	65	2	41	38	19	540	47	4	51	32	12	543
B. a few times a month	10	0	0	4	50	2	25	2	25	541	22	0	51	39	10	543	27	5	54	30	11	544
C. once a month	2	0	0	0	0	0	0	2	100	524	5	0	55	9	36	539	10	5	49	30	15	543
D. never or almost never	4	0	0	0	0	2	67	1	33	530	8	0	63	26	11	542	15	3	48	32	16	542
How often do you use observations and data to support your idea about science?																						
A. a few times a week	77	2	3	28	44	20	32	13	21	541	61	2	45	38	15	541	46	4	52	32	12	543
B. a few times a month	12	0	0	3	30	4	40	3	30	536	24	0	43	39	19	540	28	5	53	30	12	544
C. once a month	9	0	0	2	29	1	14	4	57	536	10	0	55	14	32	539	11	4	47	34	15	542
D. never or almost never	2	0	0	0	0	2	100	0	0	535	5	0	50	40	10	541	15	4	50	30	16	542
Optional school/SAU question																						
A.	0										0											
B.	0										0											
C.	0										100	0	0	100	0	532						
D.	0										0											

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards
N = Number